DATABASE ROW VERSION DIFFERENTIATION PROCESS

A method for row version differentiation in a
database management system employs steps of identifying a
versioned table to said database; creating a logical
5   primary key, comprising a prescribed number of columns in
the versioned table, the logical primary key being
created in a physical primary key of the versioned table;
defining at least one column of the physical primary key
as a version effective reference value; deriving version
10 differentiation criteria information from a version
differentiation predicate included in a request submitted
by a database user, the version differentiation predicate
including a name of the versioned table defined to a
database, a target effective status, and a target value
15 for version differentiation processing; retrieving rows
of the versioned table that satisfy the version
differentiation criteria derived from the version
differentiation predicate by comparing the effective
reference values of the versioned table with the version
20 differentiation criteria.